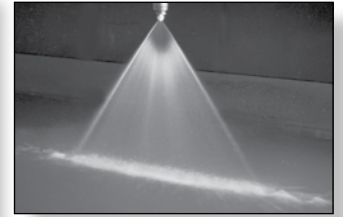
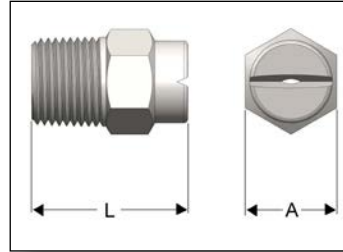




F50 SPRAY NOZZLE SPECIFICATIONS



Spray angle not exactly as shown.

PIPE SIZE (NPT)	Length L (inches)	Dim. A (inches)
1/8	13/16	7/16 HEX
1/4	15/16	9/16 HEX
3/8	13/16	11/16 HEX
1/2	15/16	7/8 HEX
3/4	1 11/16	1 1/16 HEX
1	2 1/2	1 3/8 HEX
1 1/4	3 5/8	1 3/4 HEX
1 1/2	4 1/4	2 Dia.
2	5	2 3/8 Dia.

SPRAY CHARACTERISTICS:

F-Series spray nozzles produce a flat, fan-shaped spray pattern, with spray angles available from 5° to 110°. Spray density tapers off toward the outside of these sprays, to permit overlapping of spray patterns while maintaining uniform spray density.

CONSTRUCTION:

The models listed are machined from bar stock and are one piece construction. Standard materials are brass, mild steel, 303 stainless steel and 316 stainless steel.

Some models are also stocked in Carpenter 20®, PVC, CPVC and polypropylene.

TYPICAL APPLICATIONS:

- Parts Cleaning
- Metal Washing
- Foam Control
- Gravel Washing
- Vehicle Washing
- Fertilizer Spraying
- Dishwashers

Model	Equiv. Orifice Diameter (in)	CAPACITY AT VARIOUS PRESSURES (USGPM)														SPRAY ANGLE @ (degrees)		
		5 psi	7 psi	10 psi	15 psi	20 psi	30 psi	40 psi	50 psi	60 psi	80 psi	100 psi	150 psi	300 psi	20 psi	40 psi	80 psi	
1/8F5010	0.079	0.35	0.42	0.50	0.61	0.71	0.87	1.00	1.12	1.22	1.41	1.58	1.94	2.74	43	50	55	
1/4F5010	0.079	0.35	0.42	0.50	0.61	0.71	0.87	1.00	1.12	1.22	1.41	1.58	1.94	2.74	43	50	55	
3/8F5010	0.079	0.35	0.42	0.50	0.61	0.71	0.87	1.00	1.12	1.22	1.41	1.58	1.94	2.74	43	50	55	
1/8F5015	0.097	0.53	0.63	0.75	0.92	1.06	1.30	1.50	1.68	1.84	2.12	2.37	2.90	4.1	43	50	55	
1/4F5015	0.097	0.53	0.63	0.75	0.92	1.06	1.30	1.50	1.68	1.84	2.12	2.37	2.90	4.1	43	50	55	
3/8F5015	0.097	0.53	0.63	0.75	0.92	1.06	1.30	1.50	1.68	1.84	2.12	2.37	2.90	4.1	43	50	55	
1/8F5020	0.112	0.71	0.84	1.00	1.22	1.41	1.73	2.00	2.24	2.45	2.83	3.2	3.9	5.5	43	50	55	
1/4F5020	0.112	0.71	0.84	1.00	1.22	1.41	1.73	2.00	2.24	2.45	2.83	3.2	3.9	5.5	43	50	55	
3/8F5020	0.112	0.71	0.84	1.00	1.22	1.41	1.73	2.00	2.24	2.45	2.83	3.2	3.9	5.5	43	50	55	
1/8F5030	0.133	1.06	1.26	1.50	1.84	2.12	2.60	3.00	3.4	3.7	4.2	4.7	5.8	8.2	43	50	54	
1/4F5030	0.133	1.06	1.26	1.50	1.84	2.12	2.60	3.00	3.4	3.7	4.2	4.7	5.8	8.2	43	50	55	
3/8F5030	0.133	1.06	1.26	1.50	1.84	2.12	2.60	3.00	3.4	3.7	4.2	4.7	5.8	8.2	43	50	54	
1/8F5040	0.153	1.41	1.67	2.00	2.45	2.83	3.5	4.0	4.5	4.9	5.7	6.3	7.7	11.0	43	50	54	
1/4F5040	0.153	1.41	1.67	2.00	2.45	2.83	3.5	4.0	4.5	4.9	5.7	6.3	7.7	11.0	43	50	54	
3/8F5040	0.153	1.41	1.67	2.00	2.45	2.83	3.5	4.0	4.5	4.9	5.7	6.3	7.7	11.0	43	50	54	
1/8F5050	0.172	1.77	2.09	2.50	3.06	3.5	4.3	5.0	5.6	6.1	7.1	7.9	9.7	13.7	43	50	53	
3/8F5050	0.172	1.77	2.09	2.50	3.06	3.5	4.3	5.0	5.6	6.1	7.1	7.9	9.7	13.7	43	50	53	
1/4F5060	0.188	2.12	2.51	3.00	3.7	4.2	5.2	6.0	6.7	7.3	8.5	9.5	11.6	16.4	43	50	53	
3/8F5060	0.188	2.12	2.51	3.00	3.7	4.2	5.2	6.0	6.7	7.3	8.5	9.5	11.6	16.4	43	50	53	
1/2F5060	0.188	2.12	2.51	3.00	3.7	4.2	5.2	6.0	6.7	7.3	8.5	9.5	11.6	16.4	44	50	53	
1/4F5070	0.203	2.47	2.93	3.5	4.3	4.9	6.1	7.0	7.8	8.6	9.9	11.1	13.6	19.2	44	50	53	
3/8F5070	0.203	2.47	2.93	3.5	4.3	4.9	6.1	7.0	7.8	8.6	9.9	11.1	13.6	19.2	44	50	53	
1/2F5070	0.203	2.47	2.93	3.5	4.3	4.9	6.1	7.0	7.8	8.6	9.9	11.1	13.6	19.2	44	50	53	
3/8F50100	0.243	3.5	4.2	5.0	6.1	7.1	8.7	10.0	11.2	12.2	14.1	15.8	19.4	27.4	44	50	52	
1/2F50100	0.243	3.5	4.2	5.0	6.1	7.1	8.7	10.0	11.2	12.2	14.1	15.8	19.4	27.4	44	50	52	
3/8F50120	0.266	4.2	5.0	6.0	7.3	8.5	10.4	12.0	13.4	14.7	17.0	19.0	23.2	33	44	50	53	
1/2F50120	0.266	4.2	5.0	6.0	7.3	8.5	10.4	12.0	13.4	14.7	17.0	19.0	23.2	33	44	50	53	
3/8F50150	0.297	5.3	6.3	7.5	9.2	10.6	13.0	15.0	16.8	18.4	21.2	23.7	29.0	41	45	50	52	
1/2F50150	0.297	5.3	6.3	7.5	9.2	10.6	13.0	15.0	16.8	18.4	21.2	23.7	29.0	41	45	50	52	
1/2F50200	0.343	7.1	8.4	10.0	12.2	14.1	17.3	20.0	22.4	24.5	28.3	32	39	55	46	50	52	
3/4F50200	0.343	7.1	8.4	10.0	12.2	14.1	17.3	20.0	22.4	24.5	28.3	32	39	55	46	50	52	
3/4F50400	0.485	14.1	16.7	20.0	24.5	28.3	35	40	45	49	57	63	77	110	47	50	54	
1F50500	0.543	17.7	20.9	25.0	30.6	35	43	50	56	61	71	79	97	137	46	50	55	
1-1/4F50500	0.543	17.7	20.9	25.0	30.6	35	43	50	56	61	71	79	97	137	46	50	55	
1-1/4F50750	0.664	26.5	31.4	38	46	53	65	75	84	92	106	119	145	205	46	50	54	
1-1/4F501000	0.767	35	42	50	61	71	87	100	112	122	141	158	194	274	46	50	55	